BRUHATH BANGALORE MAHANAGARA PALIKE

Dasarahalli Zone & Division

Dasarahalli Sub division

Name of Work: Desilting and resetting of drain and re asphalting to Siddeshwara layout in Bagalagunte in ward no.14, Dasarahalli Sub Division

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬೆಂಗಳೂರು

ಕಾಮಗಾರಿ ವರದಿ:

ಕಾಮಗಾರಿಯ ಹೆಸರು: Desilting and resetting of drain and re asphalting to Siddeshwara layout in Bagalagunte in ward no.14, Dasarahalli Sub Division

ಅಂದಾಜು ಮೊತ್ತ: 50.00ಲಕ್ಷ.

ಕಾಮಗಾರಿ/JOB ಸಂಕೇತ: 014-18-000063, P code-0190

ಅದರಂತೆ, ಪರಿಶೀಲಿಸಲಾಗಿ ಸದರಿ ರಸ್ತೆಗಳು ಬಾಗಲುಗುಂಟೆ ವಾರ್ಡ್ ನಂ: 14ರ ವ್ಯಾಪ್ತಿಗೆ ಒಳಪಟ್ಟಿದ್ದು ಬಾಗಲಗುಂಟೆ ವ್ಯಾಪ್ತಿಯ ಚರಂಡಿಗಳಲ್ಲಿ ಹೂಳು ತುಂಬಿ ಚರಂಡಿಯ ನೀರು ರಸ್ತೆಯ ಮೇಲ್ಭಾಗದಲ್ಲಿ ಹರಿಯುವುದರಿಂದ ಸಾರ್ವಜನಿಕರಿಗೆ, ವಾಹನ ಸವಾರರಿಗೆ ಮತ್ತು ಶಾಲಾ ಮಕ್ಕಳಿಗೆ ಓಡಾಡಲು ತುಂಬಾ ತೊಂದರೆಯಾಗುತ್ತಿರುತ್ತದೆ.

ಅದರಂತೆ ಮೇಲಿನ ಕಾಮಗಾರಿಯನ್ನು ಕೈಗೊಳ್ಳುವುದು ಸಾರ್ವಜನಿಕರ ಹಿತದೃಷ್ಟಿಯಿಂದ ಅತಿಅವಶ್ಯಕವಾಗಿದ್ದು, 2018-19ನೇ ಸಾಲಿನ ಲೋಕಪಯೋಗಿ ಬಂದರು ಮತ್ತು ಒಳನಾಡು ಜಲಸಾರಿಗೆ ಇಲಾಖೆ, ಬೆಂಗಳೂರು ವೃತ್ತ ದರಪಟ್ಟಿಯಂತೆ ಅಂದಾಜನ್ನು ರೂ.50.00ಲಕ್ಷಗಳಿಗೆ ತಯಾರಿಸಲಾಗಿದೆ. ಸದರಿ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಾಳಿತಾತ್ಮಕ ಅನುಮೋದನೆ ಮತ್ತು ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಲು ಕೋರಿ ಮುಂದಿನ ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ ಸಲ್ಲಿಸಿದೆ.

1. Earthwork in surface excavation in ordinary soil
2. Providing and laying in position plain cement concrete of mix1:4:8
3. Providing and removing centering, shuttering, strutting, propping etc
4. M20
5. Steel fe 500
6. 10 cm Thick rcc slab

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ವಾರ್ಡ:14

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ದಾಸರಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬೆಂಗಳೂರು

BRUHAT BANAGLORE MAHANAGARA PALIKE

Excecutive Engineer Dasarahalli Division

DETAILED ESTIMATE

Name of Work:Desilting and resetting of drain and re-asphalting to Siddeshwara layout in Bagalagunte in ward no.14, Dasarahalli sub division

Job Code: 014-18-000063			Estimate Amount :	49.87					
Sl. No.	Description of Item	Unit / Rate	Nos	Dimensions			Quantity	Rate in Rs.	Total Amount in Rs
				L in m	B in m	D in m			
1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1 (P.No.6 I.No.2.3)								
	Basic Rate	179.00							
	AW 6%	10.74							
	Total	189.74							
	RCC Drain								
	Siddeshwara Layout Left side								
	5th A Cross	2	45.19	0.90	0.90	73.21			
	5th B Cross	2	38.97	0.90	0.90	63.13			
	5th C Cross	2	39.62	0.90	0.90	64.18			
	5th Cross	2	58.51	0.90	0.90	94.79			
	5th A Cross	2	43.89	0.90	0.90	71.10			
	5th B Cross	2	43.17	0.90	0.90	69.94			
	5th C Cross	2	42.74	0.90	0.90	69.24			
	5th Cross	1	25.00	0.90	0.90	20.25			
				Total		525.84	189.74	Sqm	99772
2	Providing and laying in position plain cement concrete of mix1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregtes @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation and plinth including cost of all materials, labour, HOM of machinery, curing complete as per specifications								
	Basic Rate	5102.00							
	AW@ 6%	306.12							
	Total	5408.12							
	RCC Drain								
	Siddeshwara Layout Left side								
	5th A Cross	2	45.19	0.90	0.15	12.20			
	5th B Cross	2	38.97	0.90	0.15	10.52			
	5th C Cross	2	39.62	0.90	0.15	10.70			
	5th Cross	2	58.51	0.90	0.15	15.80			
	5th A Cross	2	43.89	0.90	0.15	11.85			
	5th B Cross	2	43.17	0.90	0.15	11.66			
	5th C Cross	2	42.74	0.90	0.15	11.54			
	5th Cross	1	25.00	0.90	0.15	3.38			
				Total		87.64	5408.12	Cum	473964
3	KKSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. NO KBS 4.6.2								
	Basic Rate	358.00							
	AW 6%	21.48							
	Total	379.48							

Sl. No.	Description of Item	Unit / Rate	Nos	Dimensions			Quantity	Rate in Rs.	Total Amount in Rs
				L in m	B in m	D in m			
	RCC Drain raft								
	Siddeshwara Layout Left side								
	5th A Cross	2x2	45.19		0.15	27.11			
	5th B Cross	2x2	38.97		0.15	23.38			
	5th C Cross	2x2	39.62		0.15	23.77			
	5th Cross	2x2	58.51		0.15	35.11			
	5th A Cross	2x2	43.89		0.15	26.33			
	5th B Cross	2x2	43.17		0.15	25.90			
	5th C Cross	2x2	42.74		0.15	25.64			
	5th Cross	1x2	25.00		0.15	7.50			
	For Drains Walls								
	Siddeshwara Layout Left side								
	5th A Cross	2x2	45.19		0.60	108.46			
	5th B Cross	2x2	38.97		0.60	93.53			
	5th C Cross	2x2	39.62		0.60	95.09			
	5th Cross	2x2	58.51		0.60	140.42			
	5th A Cross	2x2	43.89		0.60	105.34			
	5th B Cross	2x2	43.17		0.60	103.61			
	5th C Cross	2x2	42.74		0.60	102.58			
	5th Cross	2x2	25.00		0.60	60.00			
						1003.77	**379.48**	**Sqm**	**380911**
4	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6								
	Basic Rate	**5659.00**							
	AW 6%	**339.54**							
	Total	**5998.54**							
	RCC Drain raft								
	Siddeshwara Layout Left side								
	5th A Cross	2	45.19	0.75	0.15	10.17			
	5th B Cross	2	38.97	0.75	0.15	8.77			
	5th C Cross	2	39.62	0.75	0.15	8.91			
	5th Cross	2	58.51	0.75	0.15	13.16			
	5th A Cross	2	43.89	0.75	0.15	9.88			
	5th B Cross	2	43.17	0.75	0.15	9.71			
	5th C Cross	2	42.74	0.75	0.15	9.62			
	5th Cross	1	25.00	0.75	0.15	2.81			
	For Drains Walls								
	Siddeshwara Layout Left side								
	5th A Cross	2x2	45.19	0.15	0.60	16.27			
	5th B Cross	2x2	38.97	0.15	0.60	14.03			
	5th C Cross	2x2	39.62	0.15	0.60	14.26			
	5th Cross	2x2	58.51	0.15	0.60	21.06			
	5th A Cross	2x2	43.89	0.15	0.60	15.80			
	5th B Cross	2x2	43.17	0.15	0.60	15.54			
	5th C Cross	2x2	42.74	0.15	0.60	15.39			
	5th Cross	1x2	25.00	0.15	0.60	4.50			
						189.89	**5998.54**	**Cum**	1139034

SN	Description	No	L	B	D	Qty	Rate	Unit	Amount
5	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. (TMT bars FC 500)(P.18/4.46.2) **Issue rate date : 02.11.2021 till now**								
	Basic Rate	87417.00							
	Area Weightage 6%	5245.02							
	Total	**92662.02**							
	For Drain								
	Qty @60Kg/Cum		0.060	189.89		11.39			
					Total	**11.39**	**92662.02**	**T**	**1055708**
6	Providing and and fixing Precast Concrete slab 10 CM thick with all lead and lift as per specification **(Data Rate Approved) 2018-19**								
	Basic Rate:	2337.00							
	Total	**2337.00**							
	Rcc Drain								
	Siddeshwara layout Left side								
	1st cross	2	45.19	0.75		67.79			
	2nd Cross	2	38.97	0.75		58.46			
	3rd Cross	2	39.62	0.75		59.43			
	4th cross	2	58.51	0.75		87.77			
	Right side 1st cross	2	43.89	0.75		65.84			
	2nd Cross	2	43.17	0.75		64.76			
	3rd Cross	2	42.74	0.75		64.11			
	4th cross	1	25	0.75		18.75			
					Total	**486.89**	**2337.00**	**sqm**	**1137850**
F	Transportaion & disposing of the excavated earth obtained from side drains & high burns an either sides of the road 2km lead (P.No 134)								
	Avg wt of earth 1.28 tonne/km								
	Basic rate lead charges for 4.00kms (2.00x1.28x15.00)					12.80			
	Add loading & unloading					68.00			
	Sub total					80.80			
	AW 6%					4.85			
	Total					85.65			
	Qty vide i.no 1					525.84	85.65	Cum	45037
								Sub Total	4332276
								Add GST 12%	519873
								Tender premium &Miscellaneous	147851
								Grand Total	5000000.00

CERTIFICATE:

1.The above estimate has been prepared as per PWD SR 2018-19

2. The work spot has been inspected and found to be necessary

3. The work spot comes under BBMP Limits

4. The provisions made in the estimate are necessary and minimum

Assistant Engineer
Ward No.14

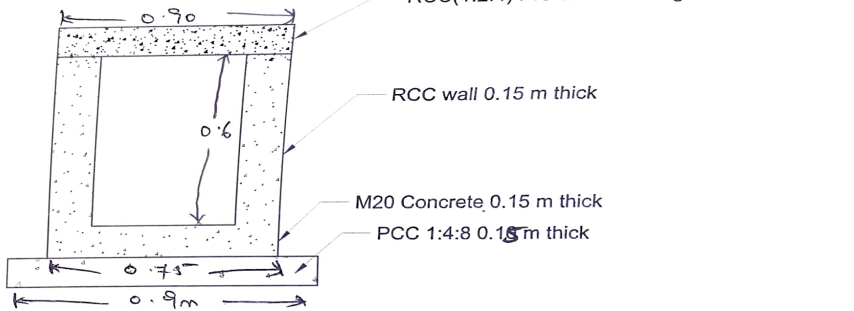
Assistant Executive Engineer
Dasarahalli Sub-Division

Executive Engineer
Dasarahalli Division

ADMINISTRATIVELY SANCTIONED FOR
(Rupees fifty lakhs only
Under the Head of Account P-0190
Mayor wodes :
Registered as no EE(D D)AS/83/21-22
to conditions contained in Enclosed Memo
No:EE|D D|AS|83/21-22 Dt: 13/1/22
Exe Engr
JE/AE (DASARAHALLI DIVN)

Technically Sanctione for Rs 50.00 Lakhs
In Words Rupees fifty
Lakhs only
P-0190
Job Code No.014-18-000063
Registered as CE No 87/14-01-2022 subject
to conditions contained in Enclosed Memo
No CE/DZ/TS/87/2021-22 Dt 14-01-2022

BRUHATH BANGALORE MAHANAGARA PALIKE



TYPICAL CROSS SECTION OF RCC DRAIN

Assistant Engineer
Ward No 14

Asst Executive Engineer
Dasarahalli Sub Division
BBMP

Executive Engineer
Dasarahalli Division,BBMP

NOTE:- Drawing Not To Scale
All dimensions in Meter

Name of work: Desilting and Resetting of drain and Re Asphalting to Siddeshwara Layout in Bagalagunte ward No: 14